

[Manuals.plus](#) /

› [Scott Aerator](#) /

› Scott Aerator Aquasweep with Oscillator User Manual

Scott Aerator 1/2 HP-400 gpm 115v

Scott Aerator Aquasweep with Oscillator User Manual

Model: 1/2 HP-400 gpm 115v

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Scott Aerator Aquasweep with Oscillator. This device is designed to effectively clear muck, silt, and debris from lake and pond bottoms, improving water quality and maintaining clear areas around docks and swimming areas. Please read this manual thoroughly before use to ensure safe and optimal performance.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Always disconnect power before handling or servicing the unit.

- Ensure the power supply matches the unit's voltage (115V).
- Do not operate the unit if the power cord is damaged.
- Keep children and pets away from the operating unit.
- Always use a Ground Fault Circuit Interrupter (GFCI) with this product.
- Do not attempt to open or repair the sealed motor housing. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the control unit.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Aquasweep Muck Blaster Unit with Motor and Propeller Guard
- Oscillator Control Unit
- Mounting Hardware (Dock Mount Bracket, Poles, Clamps)
- Power Cord (50ft)
- User Manual (this document)

SETUP AND INSTALLATION

The Aquasweep is designed for dock mounting. Follow these steps for secure installation:

1. **Assemble the Mounting Poles:**

Connect the two vertical poles to the dock mount bracket using the provided clamps and bolts. Ensure they are securely fastened.

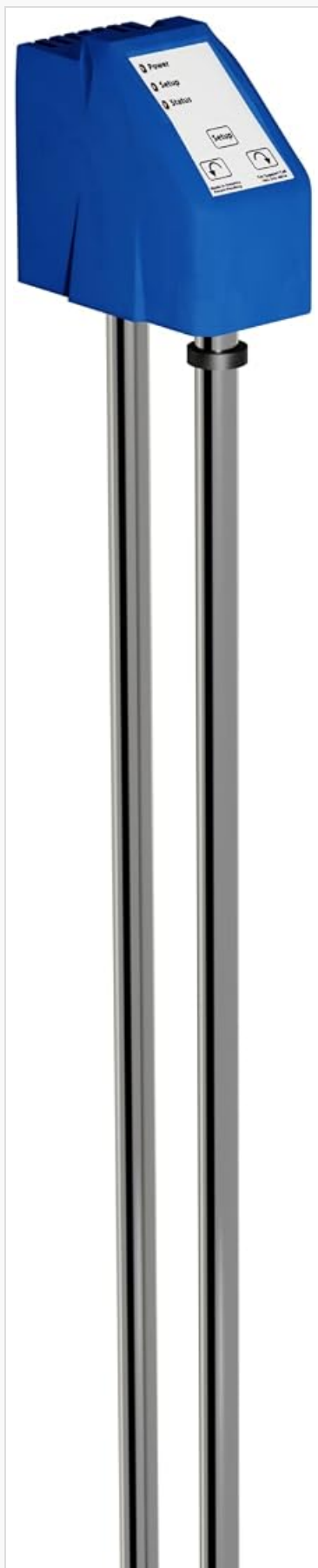




Image: The Aquasweep's blue control unit mounted atop two vertical poles, ready for attachment to the main unit and dock.

2. **Attach the Aquasweep Unit:**

Secure the Aquasweep motor unit to the lower end of the assembled poles. The propeller guard should face away from the dock. Adjust the height so the propeller is submerged at the desired depth, typically 1-2 feet above the bottom for muck blasting.

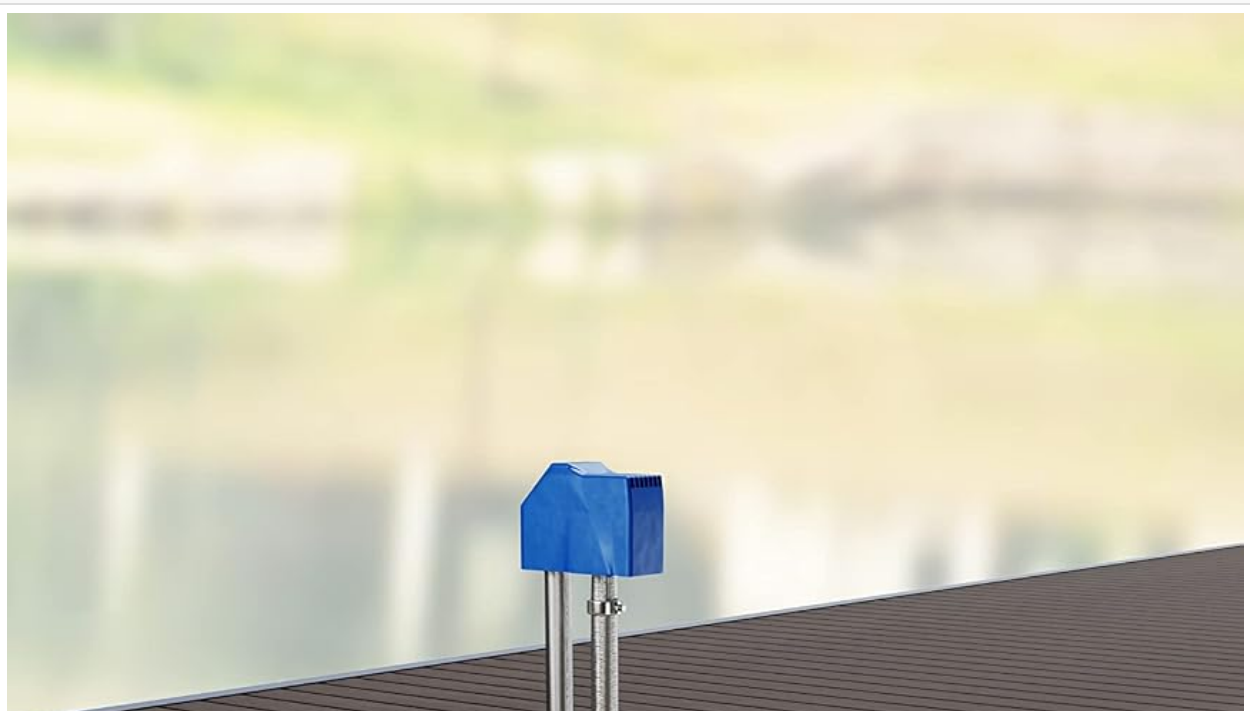




Image: The complete Aquasweep unit, featuring the submersible motor with propeller guard at the bottom, connected to two vertical support poles, and topped by the blue oscillator control unit.

3. **Mount to Dock:**

Position the entire assembly on your dock. Use appropriate fasteners (not included, as dock materials vary) to securely attach the dock mount bracket to a sturdy part of your dock. Ensure the unit is stable and will not shift during operation.



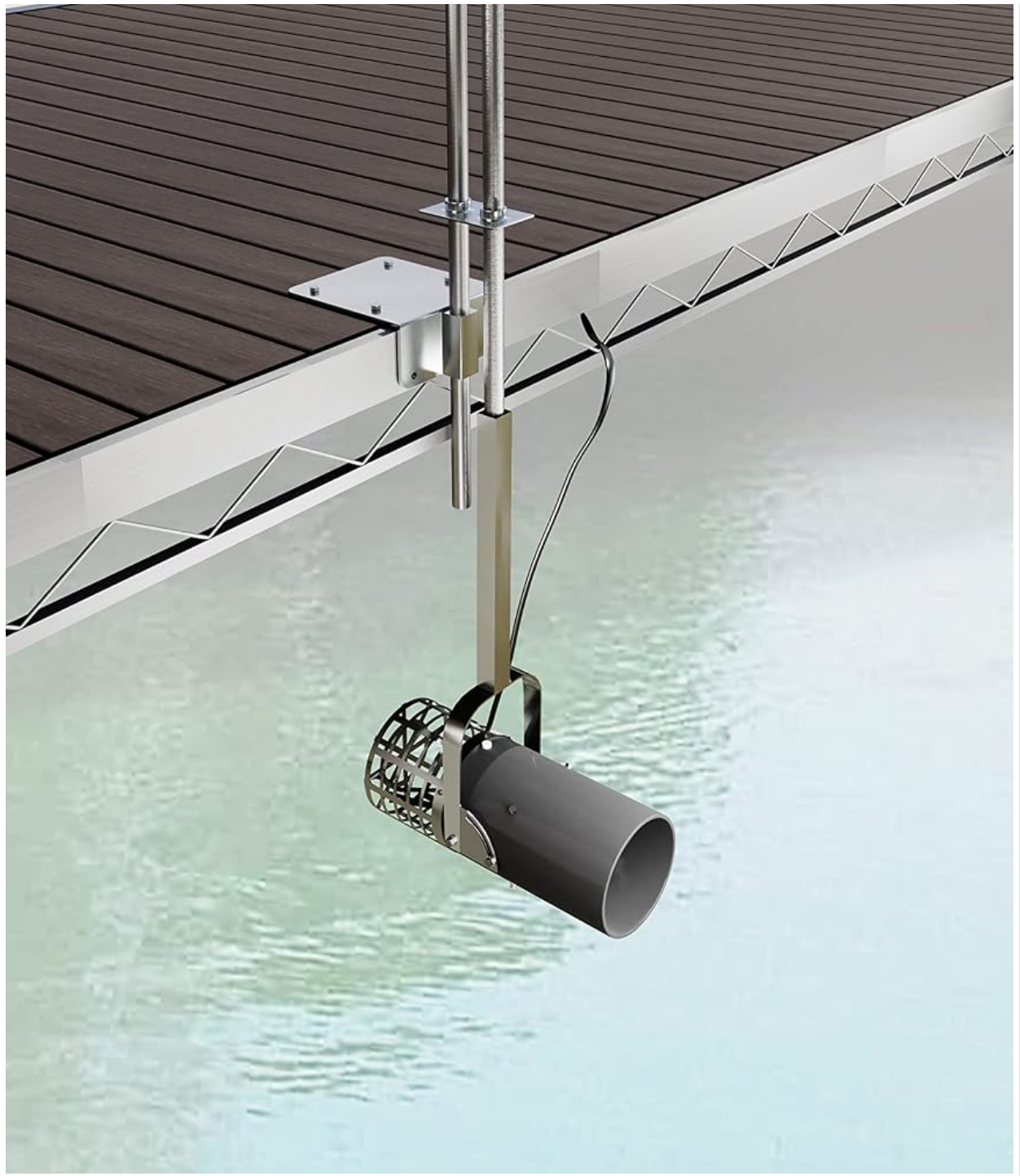


Image: The Aquasweep unit securely mounted to the side of a wooden dock, with the motor submerged in the water, demonstrating a typical installation scenario.

4. Connect Power:

Route the 50ft power cord from the Aquasweep motor to the oscillator control unit, and then to a dedicated 115V GFCI-protected outdoor electrical outlet. Ensure all connections are dry and secure. Avoid kinks or sharp bends in the power cord.



Image: A detailed view of the blue oscillator control unit, showing indicator lights for Power, Setup, and Status, along with control buttons and contact information for support.

OPERATING INSTRUCTIONS

Once installed and powered, the Aquasweep with Oscillator is ready for operation.

1. Power On:

Plug the unit into the GFCI-protected outlet. The "Power" indicator light on the control unit should illuminate.

2. Adjust Oscillation (if applicable):

The oscillator feature allows the unit to sweep a wider area. Refer to the control unit's specific buttons for adjusting the sweep angle or activating/deactivating oscillation. The "Setup" button may be used to enter configuration mode for oscillation settings.

3. Monitor Performance:

Observe the "Status" indicator light for normal operation. The unit will begin to push water, clearing muck and debris. Adjust the depth or position as needed to optimize performance for your specific area.

4. Run Time:

The duration of operation depends on the amount of muck and the desired clarity. For initial clearing, continuous operation for several hours or days may be required. For maintenance, shorter, periodic runs are usually sufficient.

5. Power Off:

To turn off the unit, simply unplug it from the GFCI outlet.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Aquasweep.

- **Periodic Cleaning:**

Periodically inspect the propeller guard for debris such as weeds, fishing lines, or plastic bags. Disconnect power before removing any obstructions. A clogged guard can reduce performance and strain the motor.

- **Winter Storage:**

In freezing climates, remove the unit from the water before temperatures drop below freezing. Clean the unit thoroughly with fresh water, dry it, and store it in a dry, protected area away from direct sunlight and extreme temperatures.

- **Cord Inspection:**

Regularly inspect the power cord for any signs of damage, fraying, or cuts. If damage is found, discontinue use immediately and contact customer support for replacement or repair.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped GFCI, damaged cord.	Check power outlet, reset GFCI, inspect cord for damage.
Reduced water flow/muck clearing.	Clogged propeller guard, incorrect depth.	Disconnect power and clear debris from guard. Adjust unit depth.
Unit makes unusual noise.	Debris in propeller, motor issue.	Disconnect power and check for debris. If noise persists, contact support.
Oscillation not working.	Oscillator setting incorrect, internal issue.	Refer to operating instructions for oscillation setup. If problem persists, contact support.

SPECIFICATIONS

Model:	1/2 HP-400 gpm 115v
Brand:	Scott Aerator
Material:	Stainless Steel
Style:	Submersible
Power Source:	Corded Electric
Item Weight:	70 Pounds
Maximum Flow Rate:	500 Gallons Per Minute
Maximum Lifting Height:	7 Feet
Voltage:	115 Volts
Product Dimensions:	84 x 4 x 84 inches
UPC:	065500385620

WARRANTY AND SUPPORT

For warranty information or technical assistance, please contact Scott Aerator customer support. Refer to the contact information provided on the product packaging or the control unit (e.g., "For Support call 701-325-9876" as seen in image).

Manufacturer: Scott Aerator Company LLC

Website: www.scottaerator.com

Phone: (Refer to product for specific number, e.g., 701-325-9876)